

WEST Search History

DATE: Wednesday, February 09, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	EP-1489510-A2.did.	0
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	(media and file\$1 and copy\$ and network\$).ti.	10
<input type="checkbox"/>	L5	L4 and (media near5 device\$1)	18
<input type="checkbox"/>	L4	L3 and mp3	25
<input type="checkbox"/>	L3	L2 and ((media players) same (stop or pause or play or rewind or forward))	51
<input type="checkbox"/>	L2	L1 and network\$	94
<input type="checkbox"/>	L1	(media player\$1).ti.	375

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OAGCS				

Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 20040243648 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 10

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040243648

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040243648 A1

TITLE: Network management system, computer system, copy server, file server, network copy file management method, and computer readable medium

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hidaka, Takeo	Tokyo		JP	
Hirabayashi, Shinji	Tokyo		JP	

US-CL-CURRENT: 707/200

Full	Title	Citation	Fient	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	De
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2. Document ID: US 6782402 B1

L6: Entry 2 of 10

File: USPT

Aug 24, 2004

US-PAT-NO: 6782402

DOCUMENT-IDENTIFIER: US 6782402 B1

TITLE: Network management system, computer system, copy server, file server, network copy file management method, and computer readable medium

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hidaka; Takeo	Tokyo			JP
Hirabayashi; Shinji	Tokyo			JP

US-CL-CURRENT: 707/203; 355/36, 358/1.15, 707/3, 709/217, 715/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Drawn D
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3. Document ID: JP 2003157195 A

L6: Entry 3 of 10

File: JPAB

May 30, 2003

PUB-NO: JP02003157195A

DOCUMENT-IDENTIFIER: JP 2003157195 A

TITLE: NETWORK COPY FILE MANAGEMENT SYSTEM, COPY SYSTEM, COPY SERVER, NETWORK COPY FILE MANAGEMENT METHOD, COMPUTER READABLE MEDIUM

PUBN-DATE: May 30, 2003

INVENTOR-INFORMATION:

NAME COUNTRY

HIDAKA, TAKEO

HIRABAYASHI, SHINJI

INT-CL (IPC): G06 F 12/00; H04 N 1/00; H04 N 1/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Drawn D
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4. Document ID: JP 2000324282 A

L6: Entry 4 of 10

File: JPAB

Nov 24, 2000

PUB-NO: JP02000324282A

DOCUMENT-IDENTIFIER: JP 2000324282 A

TITLE: NETWORK COPY FILE MANAGEMENT SYSTEM, COPY SYSTEM, COPY SERVER, NETWORK COPY FILE MANAGING METHOD AND COMPUTER-READABLE MEDIUM

PUBN-DATE: November 24, 2000

INVENTOR-INFORMATION:

NAME COUNTRY

HIDAKA, TAKEO

HIRABAYASHI, SHINJI

INT-CL (IPC): H04 N 1/00; G06 F 12/00; H04 N 1/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Drawn D
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5. Document ID: JP 2000322338 A

L6: Entry 5 of 10

File: JPAB

Nov 24, 2000

PUB-NO: JP02000322338A

h e b b g e e e f e b h e f b e

DOCUMENT-IDENTIFIER: JP 2000322338 A

TITLE: NETWORK COPY FILE MANAGEMENT SYSTEM, COPY SYSTEM, COPY SERVER, NETWORK COPY FILE MANAGEMENT METHOD AND COMPUTER READABLE MEDIUM

PUBN-DATE: November 24, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
HIDAKA, TAKEO	
HIRABAYASHI, SHINJI	

INT-CL (IPC): G06 F 13/00; G06 F 3/12; G06 F 12/14; H04 N 1/00

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [K翁C](#) | [Drawn Ds](#)

6. Document ID: JP 2005004778 A, US 20040254936 A1, EP 1489510 A2

L6: Entry 6 of 10

File: DWPI

Jan 6, 2005

DERWENT-ACC-NO: 2005-064232

DERWENT-WEEK: 200507

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TITLE: Volume shadow copy exposing medium for use in network, has instructions to cause distributed file system server to return listing of resources to requesting client under root of shared volume

INVENTOR: MOHAMED, A H

PRIORITY-DATA: 2003US-0461564 (June 13, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2005004778 A</u>	January 6, 2005		012	G06F012/00
<u>US 20040254936 A1</u>	December 16, 2004		011	G06F007/00
<u>EP 1489510 A2</u>	December 22, 2004	E	000	G06F011/14

INT-CL (IPC): G06 F 7/00; G06 F 11/14; G06 F 12/00; G06 F 12/14

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [K翁C](#) | [Drawn Ds](#)

7. Document ID: US 20020188735 A1

L6: Entry 7 of 10

File: DWPI

Dec 12, 2002

DERWENT-ACC-NO: 2003-275959

DERWENT-WEEK: 200327

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: File access control method in peer to peer media sharing systems, involves requesting copy of selected file from associated network node using index information

INVENTOR: LEWIS, M; NEEDHAM, B H

PRIORITY-DATA: 2001US-0878023 (June 6, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20020188735 A1</u>	December 12, 2002		007	G06F015/16

INT-CL (IPC): G06 F 15/16

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)  [Claims](#) | [KOMC](#) | [Drawn](#) [Des](#)

8. Document ID: DE 10008145 A1, AU 200154658 A, WO 200163395 A2

L6: Entry 8 of 10

File: DWPI

Aug 30, 2001

DERWENT-ACC-NO: 2001-590704

DERWENT-WEEK: 200202

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Method for making the contents of exchangeable media, such as CDs, diskettes, etc., available on a network by block copying or writing of files from the media to a server hard-drive, or vice versa, to speed up transfer speeds

INVENTOR: URBANSKI, A

PRIORITY-DATA: 2000DE-1008145 (February 22, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 10008145 A1</u>	August 30, 2001		006	G06F013/12
<u>AU 200154658 A</u>	September 3, 2001		000	G06F003/06
<u>WO 200163395 A2</u>	August 30, 2001	G	000	G06F003/06

INT-CL (IPC): G06 F 3/06; G06 F 13/12; G06 F 15/16

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)  [Claims](#) | [KOMC](#) | [Drawn](#) [Des](#)

9. Document ID: JP 2002543688 W, WO 200065834 A1, EP 1097590 A1

L6: Entry 9 of 10

File: DWPI

Dec 17, 2002

DERWENT-ACC-NO: 2001-299540

DERWENT-WEEK: 200312

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Method for copying media file, e.g. video file, audio file, to client or another server over network, involves using surplus bandwidth that is not required for playing media file to enhance copy of media file

INVENTOR: GLAUERT, T H; KING, T R

PRIORITY-DATA: 1999GB-0009607 (April 26, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2002543688 W</u>	December 17, 2002		062	H04N005/76
<u>WO 200065834 A1</u>	November 2, 2000	E	065	H04N007/173
<u>EP 1097590 A1</u>	May 9, 2001	E	000	H04N007/173

INT-CL (IPC): H04 N 5/76; H04 N 5/765; H04 N 5/92; H04 N 7/173; H04 N 7/24; H04 N 7/26

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  | [Claims](#) | [KWC](#) | [Drawn](#)

10. Document ID: US 6564231 B1, EP 838763 A2, JP 10124352 A, CN 1198055 A, KR 98033151 A, KR 292700 B

L6: Entry 10 of 10

File: DWPI

May 13, 2003

DERWENT-ACC-NO: 1998-232810

DERWENT-WEEK: 200335

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Method of managing file in library of mass storage device in computer network - involves copying file which is judged that it has very frequent regeneration requests compared to other files recorded in preservation recording media according to frequency information of regeneration request

INVENTOR: YAMADA, T; YAMAGUCHI, M

PRIORITY-DATA: 1996JP-0282137 (October 24, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6564231 B1</u>	May 13, 2003		000	G06F017/30
<u>EP 838763 A2</u>	April 29, 1998	E	046	G06F012/12
<u>JP 10124352 A</u>	May 15, 1998		025	G06F012/00
<u>CN 1198055 A</u>	November 4, 1998		000	H04L012/24

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OAGS				

Search Results - Record(s) 1 through 18 of 18 returned.

1. Document ID: US 20040252397 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 18

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040252397

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040252397 A1

TITLE: Media player with acceleration protection

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hodge, Andrew Bert	Menlo Park	CA	US	
Bar-Nahum, Guy	San Francisco	CA	US	
Labrosse, Jean-Paul	Palo Alto	CA	US	

US-CL-CURRENT: 360/60; 360/31, 360/75

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RNDC](#) | [Drawn Ds](#)

2. Document ID: US 20040239753 A1

L5: Entry 2 of 18

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040239753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040239753 A1

TITLE: Apparatus, systems and methods relating to an improved media player

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Proctor, David W.	Bellevue	WA	US	
Cerceo, Michael	Seattle	WA	US	
Padmanabhan, Udiyan Ilanjeran	Redmond	WA	US	
Godee, Joost	Palo Alto	CA	US	
Burton, Maximillian Philip	New York	NY	US	

US-CL-CURRENT: 348/14.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Drawn D](#)**3. Document ID: US 20040224638 A1**

L5: Entry 3 of 18

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224638

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224638 A1

TITLE: Media player system

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fadell, Anthony M.	Portola Valley	CA	US	
Zadesky, Stephen Paul	San Carlos	CA	US	
Filson, John Benjamin	Los Altos	CA	US	

US-CL-CURRENT: 455/66.1; 455/41.2[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Drawn D](#)**4. Document ID: US 20040175098 A1**

L5: Entry 4 of 18

File: PGPB

Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040175098

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040175098 A1

TITLE: Systems and methods for receiving, storing, and rendering digital video, music, and pictures on a personal media player

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Calhoon, John C.	Woodinville	WA	US	
Fierstein, Scott J.	Sammamish	WA	US	
Manchester, Scott	Redmond	WA	US	

US-CL-CURRENT: 386/46; 386/125[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Drawn D](#)

□ 5. Document ID: US 20040078382 A1

L5: Entry 5 of 18

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040078382

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040078382 A1

TITLE: Adaptive menu system for media players

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mercer, Ian Cameron	Sammamish	WA	US	
LaChapelle, Kevin Leigh	Redmond	WA	US	

US-CL-CURRENT: 707/102[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

□ 6. Document ID: US 20040078357 A1

L5: Entry 6 of 18

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040078357

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040078357 A1

TITLE: Optimizing media player memory during rendering

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LaChapelle, Kevin Leigh	Redmond	WA	US	
Mercer, Ian Cameron	Sammamish	WA	US	

US-CL-CURRENT: 707/2[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

□ 7. Document ID: US 20040064476 A1

L5: Entry 7 of 18

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040064476

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040064476 A1

TITLE: Computer program, method, and media player

h e b b g e e e f e b h e f b e

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rounds, John	Shirley	MA	US	

US-CL-CURRENT: 707/104.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

□ 8. Document ID: US 20040051812 A1

L5: Entry 8 of 18

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051812

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051812 A1

TITLE: Method of collecting data using an embedded media player page

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hayward, Monte Duane	Seattle	WA	US	

US-CL-CURRENT: 348/460; 348/462, 725/132, 725/14, 725/140, 725/89

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

□ 9. Document ID: US 20040015398 A1

L5: Entry 9 of 18

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015398 A1

TITLE: Method of disseminating advertisements using an embedded media player page

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hayward, Monte Duane	Seattle	WA	US	

US-CL-CURRENT: 705/14

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

□ 10. Document ID: US 20030167318 A1

L5: Entry 10 of 18

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167318
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030167318 A1

TITLE: Intelligent synchronization of media player with host computer

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robbin, Jeffrey L.	Los Altos	CA	US	
Heller, David	San Jose	CA	US	

US-CL-CURRENT: 709/221; 709/248

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn Obj](#)

□ 11. Document ID: US 20030079038 A1

L5: Entry 11 of 18

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079038
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030079038 A1

TITLE: Intelligent interaction between media player and host computer

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robbin, Jeffrey L.	Los Altos	CA	US	
Heller, David	San Jose	CA	US	

US-CL-CURRENT: 709/232; 709/221

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn Obj](#)

□ 12. Document ID: US 20030033449 A1

L5: Entry 12 of 18

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030033449
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030033449 A1

TITLE: Universal decoder for use in a network media player

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Frantz, Gene A.	Missouri City	TX	US	
Gelabert, Pedro	Sugar Land	TX	US	
Nadeski, Mark	Houston	TX	US	
Kridner, Jason	Houston	TX	US	

US-CL-CURRENT: 710/1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

13. Document ID: US 20020170061 A1

L5: Entry 13 of 18

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020170061

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020170061 A1

TITLE: Multi-room entertainment system with in-room media player

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DiLorenzo, Mark	Laguna Beach	CA	US	

US-CL-CURRENT: 725/78; 725/39, 725/61

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

14. Document ID: US 20020087225 A1

L5: Entry 14 of 18

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020087225

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020087225 A1

TITLE: Portable computing device having a low power media player

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Howard, Gary M.	Corvallis	OR	US	

US-CL-CURRENT: 700/94; 348/552[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn](#)**15. Document ID: US 20020055934 A1**

L5: Entry 15 of 18

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055934

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055934 A1

TITLE: Dynamic management and organization of media assets in a media player device

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lipscomb, Kenneth O.	Marietta	GA	US	
Petratis, John B.	Lawrenceville	GA	US	
Robison, Richard D.	Decatur	GA	US	
Morrison, Kelly I.	Atlanta	GA	US	
Hirsch, Michael D.	Atlanta	GA	US	
Muntz, Eric N.	Marietta	GA	US	

US-CL-CURRENT: 707/104.1; 700/94, 715/500.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn](#)**16. Document ID: US 20020026442 A1**

L5: Entry 16 of 18

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020026442

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020026442 A1

TITLE: System and method for the distribution and sharing of media assets between media players devices

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lipscomb, Kenneth O.	Marietta	GA	US	
Petratis, John B.	Lawrenceville	GA	US	
Robison, Richard D.	Decatur	GA	US	
Morrison, Kelly P.	Atlanta	GA	US	
Hirsch, Michael D.	Atlanta	GA	US	
Muntz, Eric Neal	Marietta	GA	US	

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e b h e f b e

US-CL-CURRENT: 707/10; 707/200

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

17. Document ID: US 6650963 B2

L5: Entry 17 of 18

File: USPT

Nov 18, 2003

US-PAT-NO: 6650963

DOCUMENT-IDENTIFIER: US 6650963 B2

TITLE: Multi-room entertainment system with in-room media player

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DiLorenzo; Mark	Laguna Beach	CA	92651	

US-CL-CURRENT: 700/234; 700/231, 700/241

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

18. Document ID: US 6438450 B1

L5: Entry 18 of 18

File: USPT

Aug 20, 2002

US-PAT-NO: 6438450

DOCUMENT-IDENTIFIER: US 6438450 B1

TITLE: Multi-room entertainment system with in-room media player

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DiLorenzo; Mark	Laguna Beach	CA	92651	

US-CL-CURRENT: 700/236; 700/231, 700/241

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OAGS](#)

Term	Documents
MEDIA	584642
MEDIUM	2004744



US006650963B2

(12) **United States Patent**
DiLorenzo

(10) Patent No.: **US 6,650,963 B2**
(45) Date of Patent: **Nov. 18, 2003**

(54) **MULTI-ROOM ENTERTAINMENT SYSTEM WITH IN-ROOM MEDIA PLAYER**

(76) Inventor: **Mark DiLorenzo, P.O. Box 1658, Laguna Beach, CA (US) 92651**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **10/134,193**

(22) Filed: **Apr. 29, 2002**

(65) **Prior Publication Data**

US 2002/0170061 A1 Nov. 14, 2002

5,528,282 A	*	6/1996	Voeten et al.	725/92
5,633,839 A		5/1997	Alexander et al.	
5,641,319 A	*	6/1997	Stoel et al.	463/42
5,647,505 A		7/1997	Scott	
5,661,517 A	*	8/1997	Budow et al.	725/60
5,734,719 A		3/1998	Tsevdos et al.	
5,748,485 A		5/1998	Christiansen et al.	
5,769,269 A		6/1998	Peters	
5,781,889 A		7/1998	Martin et al.	
5,794,217 A		8/1998	Allen	
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5,831,862 A		11/1998	Hetrick et al.	
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5,945,987 A	*	8/1999	Dunn	345/718
5,959,945 A		9/1999	Kleiman	
6,163,795 A		12/2000	Kikinis	
6,229,394 B1		5/2001	Harvey	
6,232,539 B1		5/2001	Looney et al.	

* cited by examiner

(63) Continuation of application No. 09/724,806, filed on Nov. 28, 2000, now Pat. No. 6,438,450, which is a continuation-in-part of application No. 09/292,839, filed on Apr. 14, 1999, now Pat. No. 6,256,554.

(51) Int. Cl.⁷ **G06F 17/00**

(52) U.S. Cl. **700/234; 700/231; 700/241**

(58) Field of Search **700/231, 234, 700/236, 241; 725/60, 61, 104, 82, 83; 348/1, 385, 387**

(56) **References Cited**

U.S. PATENT DOCUMENTS

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4,528,643 A	7/1985	Freeny, Jr.		
4,553,211 A	11/1985	Kawasaki et al.		
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5,150,817 A	9/1992	Livingston		
5,219,094 A	6/1993	Labriola		
5,339,250 A	8/1994	Durbin		
5,355,302 A	10/1994	Martin et al.		
5,415,319 A	5/1995	Risolia		
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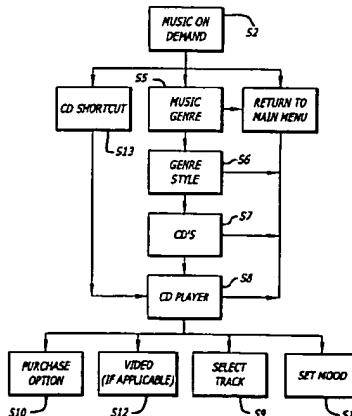
Primary Examiner—Gene O. Crawford

(74) *Attorney, Agent, or Firm*—Fulwider Patton Lee & Utecht, LLP

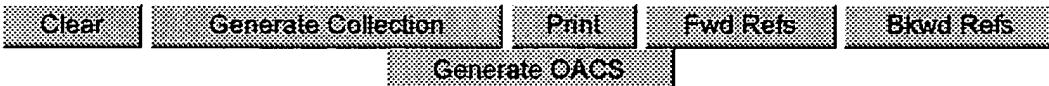
(57) **ABSTRACT**

User interface systems access media data stored in a database through a server that presents to the interface a selection menu for selecting media data. Upon selection of media data the server accesses the data from the database and transmits it to an in-room system. The media data may be transmitted by downloading the data to an intermediate system, playing the data at the intermediate system and outputting the data to the in-room system through a communications line. The media data may also be transmitted by streaming the data to the in-room system through a communications line. The server may present to the in-room system a purchase menu through which media data may be purchased, an activation menu through which communication between the in-room system and the server may be established for a fixed period of time and a radio menu through which programmed media-data channels may be accessed.

23 Claims, 10 Drawing Sheets



Hit List



Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: JP 2003050746 A, US 20030026420 A1

Using default format because multiple data bases are involved.

L9: Entry 1 of 5

File: DWPI

Feb 21, 2003

DERWENT-ACC-NO: 2003-331747

DERWENT-WEEK: 200331

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Multimedia file copyright protection apparatus for electronic information device, attaches copyright information to multimedia file output by personal computer, automatically

INVENTOR: MAKINO, H

PRIORITY-DATA: 2001JP-0238174 (August 6, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2003050746 A</u>	February 21, 2003		006	G06F012/14
<u>US 20030026420 A1</u>	February 6, 2003		010	H04L009/00

INT-CL (IPC): G06 F 12/14; G06 F 17/60; G10 L 11/00; G11 B 20/10; H04 L 9/00; H04 N 5/91

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Obj](#)

2. Document ID: JP 2002108365 A

L9: Entry 2 of 5

File: DWPI

Apr 10, 2002

DERWENT-ACC-NO: 2003-187050

DERWENT-WEEK: 200319

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Multimedia content downloading system prevents copy destination file from being copied to grandchild file and great-grandchild file, if copy inhibition flag of copy destination file is set ON

PRIORITY-DATA: 2000JP-0301340 (September 29, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2002108365 A</u>	April 10, 2002		008	G10K015/02

INT-CL (IPC): G06 F 17/60; G10 K 15/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw
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□ 3. Document ID: US 6088786 A

L9: Entry 3 of 5

File: DWPI

Jul 11, 2000

DERWENT-ACC-NO: 2000-637112

DERWENT-WEEK: 200061

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Microprocessor for multimedia applications, has copy unit to copy data between register file used by register processor and stack used by stack processor which performs non-multimedia operations

INVENTOR: FEIERBACH, G; PATEL, M

PRIORITY-DATA: 1997US-0884255 (June 27, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6088786 A</u>	July 11, 2000		014	G06F015/00

INT-CL (IPC): G06 F 15/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw
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□ 4. Document ID: DE 69920733 E, WO 200025460 A1, NL 1010389 C2, AU 200010384 A, EP 1123591 A1, EP 1123591 B1

L9: Entry 4 of 5

File: DWPI

Nov 4, 2004

DERWENT-ACC-NO: 2000-411396

DERWENT-WEEK: 200474

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Audio/video files distribution system in multimedia computer network utilized in shops, transfers updated collection of selected copy files to local computer from central database for playing

INVENTOR: PIETERSE, R

PRIORITY-DATA: 1998NL-1010389 (October 23, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 69920733 E</u>	November 4, 2004		000	H04H001/02
<u>WO 200025460 A1</u>	May 4, 2000	E	014	H04H001/02
<u>NL 1010389 C2</u>	April 26, 2000		000	G06F017/30
<u>AU 200010384 A</u>	May 15, 2000		000	H04H001/02
<u>EP 1123591 A1</u>	August 16, 2001	E	000	H04H001/02
<u>EP 1123591 B1</u>	September 29, 2004	E	000	H04H001/02

INT-CL (IPC): G06 F 17/30; H04 H 1/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Drawn
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5. Document ID: EP 853412 A2, CN 1184285 A, CA 2222347 A, JP 10224767 A, US 5931925 A, KR 98063413 A, JP 3037924 B2, TW 387074 A, KR 259332 B1, CA 2222347 C

L9: Entry 5 of 5

File: DWPI

Jul 15, 1998

DERWENT-ACC-NO: 1998-364867

DERWENT-WEEK: 200254

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Multimedia datastreaming method with several differing pre-existing file systems - involves establishing general purpose file system interface to several differing pre-existing file systems, with general purpose file system interface invoked to effect zero copy transfer of datastream from producer module to consumer modul

INVENTOR: MCNABB, D L; PORTER, S L ; WYLLIE, J C

PRIORITY-DATA: 1996US-0755866 (December 2, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 853412 A2</u>	July 15, 1998	E	011	H04L029/06
<u>CN 1184285 A</u>	June 10, 1998		000	G06F013/00
<u>CA 2222347 A</u>	June 2, 1998		000	H04L029/02
<u>JP 10224767 A</u>	August 21, 1998		015	H04N007/173
<u>US 5931925 A</u>	August 3, 1999		000	G06F013/28
<u>KR 98063413 A</u>	October 7, 1998		000	H04N007/173
<u>JP 3037924 B2</u>	May 8, 2000		015	H04N007/173
<u>TW 387074 A</u>	April 11, 2000		000	G06F017/30
<u>KR 259332 B1</u>	June 15, 2000		000	H04N007/173
<u>CA 2222347 C</u>	July 2, 2002	E	000	H04L029/02

INT-CL (IPC): G06 F 3/00; G06 F 13/00; G06 F 13/28; G06 F 17/30; H04 L 29/02; H04 L 29/06; H04 N 7/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Drawn
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Term	Documents
MULTIMEDIA	65604
MULTIMEDIUM	88
MULTIMEDIUMS	2
MULTIMEDIAS	1

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: US 20040111473 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 5

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040111473

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040111473 A1

TITLE: Method and system for instantaneous on-demand delivery of multimedia content over a communication network with aid of content capturing component, delivery-on-demand client and dynamically mapped resource locator server.

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lysenko, Anton	Birmingham	AL	US	
Dobrianski, Alex	Vancouver	AL	CA	
Lysenko, George	Birmingham		US	
Dobrianski, Boris	White Rock		CA	

US-CL-CURRENT: 709/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn Ds
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2. Document ID: US 20020180803 A1

L16: Entry 2 of 5

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180803

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020180803 A1

TITLE: Systems, methods and computer program products for managing multimedia content

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kaplan, Jon	Naples	FL	US	

Protheroe, Robert	Naples	FL	US
Martin, Randy	Naples	FL	US
Riggle, David	Naples	FL	US
Gonzales, Juan	Naples	FL	US

US-CL-CURRENT: 715/810

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn](#) | [Des](#)

3. Document ID: US 6816904 B1

L16: Entry 3 of 5

File: USPT

Nov 9, 2004

US-PAT-NO: 6816904

DOCUMENT-IDENTIFIER: US 6816904 B1

TITLE: Networked video multimedia storage server environment

DATE-ISSUED: November 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ludwig; Lester	Hillsborough	CA		
Brown; William Blake	Los Gatos	CA		
Yul; Inn J.	Cupertino	CA		
Vuong; Anh T.	San Jose	CA		
Vanderlippe; Richard W.	San Francisco	CA		
Burnett; Gerald	Atherton	CA		
Lauwers; Chris	Menlo Park	CA		
Lui; Richard	Union City	CA		
Applebaum; Daniel	Incline Village	NV		

US-CL-CURRENT: 709/226; 709/204, 725/145

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn](#) | [Des](#)

4. Document ID: US 6370543 B2

L16: Entry 4 of 5

File: USPT

Apr 9, 2002

US-PAT-NO: 6370543

DOCUMENT-IDENTIFIER: US 6370543 B2

TITLE: Display of media previews

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

h e b b g e e e f e hf ef b e

Hoffert; Eric M.	San Francisco	CA
Smoot; Steve	San Francisco	CA
Cremin; Karl	Mt. View	CA
Ali; Adnan	London	CA
Mills; Michael	San Francisco	CA

US-CL-CURRENT: 707/104.1; 707/10, 725/113

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Data](#) | [Reference](#) | [Claims](#) | [RQMC](#) | [Drawn D](#)

5. Document ID: US 5983176 A

L16: Entry 5 of 5

File: USPT

Nov 9, 1999

US-PAT-NO: 5983176

DOCUMENT-IDENTIFIER: US 5983176 A

TITLE: Evaluation of media content in media files

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffert; Eric M.	San Francisco	CA		
Cremin; Karl	Mt. View	CA		
Degen; Leo	Petaluma	CA		

US-CL-CURRENT: 704/233; 704/231, 704/236

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Data](#) | [Reference](#) | [Claims](#) | [RQMC](#) | [Drawn D](#)

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Term	Documents
VIDEO	651725
VIDEOS	9822
FRAME\$1	0
FRAME	2287937
FRAMEA	760
FRAMEB	69
FRAMEC	59
FRAMED	29513
FRAMEE	185
FRAMEF	100

FRAMEG	414
(L15 AND (VIDEO NEAR5 FRAME\$1)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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1. Document ID: US 20020087885 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 2

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020087885

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020087885 A1

TITLE: Method and application for a reactive defense against illegal distribution of multimedia content in file sharing networks

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peled, Ariel	Even-Yehuda		IL	
Carny, Ofir	Kochav-Yair		IL	
Baratz, Arik	Hadera		IL	
Arbel, Oded	Kiryat Ono		IL	
Troyansky, Lidror	Ramat Gan		IL	

US-CL-CURRENT: 713/201; 709/224

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	KMD	Drawn
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2. Document ID: US 5915094 A

L19: Entry 2 of 2

File: USPT

Jun 22, 1999

US-PAT-NO: 5915094

DOCUMENT-IDENTIFIER: US 5915094 A

TITLE: Disk access method for delivering multimedia and video information on demand over wide area networks

DATE-ISSUED: June 22, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kouloheris; Jack Lawrence	Mohegan Lake	NY		
Kumar; Manoj	Yorktown Heights	NY		

Hit List

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 20020069218 A1

Using default format because multiple data bases are involved.

L23: Entry 1 of 2

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069218

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020069218 A1

TITLE: System and method for indexing, searching, identifying, and editing portions of electronic multimedia files

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sull, Sanghoon	Seoul		KR	
Kim, Hyeokman	Seoul		KR	
Choi, Hyungseok	Seoul		KR	
Chung, Min Gyo	Sungnam City		KR	
Yoon, Ja-Cheon	Seoul		KR	
Oh, Jeongtaek	Seoul		KR	
Lee, Sangwook	Seoul		KR	
Song, S. Moon-Ho	Seoul		KR	
Kim, Jung Rim	Seoul		KR	
Lee, Keansub	Suwon City		KR	
Chun, Seong Soo	Songnam City		KR	
Oh, Sangwook	Cheju City		KR	
Kim, Yunam	Cheju City		KR	

US-CL-CURRENT: 715/501.1

2. Document ID: KR 2004037283 A

L23: Entry 2 of 2

File: DWPI

May 7, 2004

DERWENT-ACC-NO: 2004-600740

DERWENT-WEEK: 200458

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TITLE: File format and program for replaying and sharing multimedia file

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate GACS				

Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20020178330 A1

Using default format because multiple data bases are involved.

L38: Entry 1 of 6

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020178330

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020178330 A1

TITLE: Systems and methods for applying a quality metric to caching and streaming of multimedia files over a network

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schlowsky-Fischer, Mark Harold	Montclair	NJ	US	
Cates, Joshua Ian	Cambridge	MA	US	
Hunt, Russell	Willow Springs	NC	US	
Pinckney, Thomas III	Cambridge	MA	US	
Wyatt, Douglas Karl	Somerville	MA	US	

US-CL-CURRENT: 711/133; 711/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawings
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2. Document ID: US 20020176418 A1

L38: Entry 2 of 6

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020176418 A1

TITLE: Systems and methods for producing files for streaming from a content file

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hunt, Russell	Willow Springs	NC	US	
Cates, Joshua Ian	Cambridge	MA	US	

Pinckney, Thomas III	Cambridge	MA	US
Wyatt, Douglas Karl	Somerville	MA	US

US-CL-CURRENT: 370/389; 370/394

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Drawn D.](#)

3. Document ID: US 20020169926 A1

L38: Entry 3 of 6

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169926

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169926 A1

TITLE: Systems and methods for efficient cache management in streaming applications

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pinckney, Thomas III	Cambridge	MA	US	
Cates, Joshua Ian	Cambridge	MA	US	
Hunt, Russell	Willow Springs	NC	US	
Provenzano, Christopher Angelo	Somerville	MA	US	
Schlowsky-Fischer, Mark Harold	Montclair	NJ	US	
Thomas, Benjamin Joseph III	Bedford	MA	US	
Wyatt, Douglas Karl	Somerville	MA	US	

US-CL-CURRENT: 711/118

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Drawn D.](#)

4. Document ID: US 20020161911 A1

L38: Entry 4 of 6

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161911

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161911 A1

TITLE: Systems and methods for efficient memory allocation for streaming of multimedia files

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pinckney, Thomas III	Cambridge	MA	US	
Kessler, Garry Kenneth	Westboro	MA	US	

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e hf ef b e

Provenzano, Christopher Angelo
 Thomas, Benjamin Joseph III

Somerville MA US
 Bedford MA US

US-CL-CURRENT: 709/231

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. De](#)

5. Document ID: US 20020069218 A1

L38: Entry 5 of 6

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069218

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020069218 A1

TITLE: System and method for indexing, searching, identifying, and editing portions of electronic multimedia files

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sull, Sanghoon	Seoul		KR	
Kim, Hyeokman	Seoul		KR	
Choi, Hyungseok	Seoul		KR	
Chung, Min Gyo	Sungnam City		KR	
Yoon, Ja-Cheon	Seoul		KR	
Oh, Jeongtaek	Seoul		KR	
Lee, Sangwook	Seoul		KR	
Song, S. Moon-Ho	Seoul		KR	
Kim, Jung Rim	Seoul		KR	
Lee, Keansub	Suwon City		KR	
Chun, Seong Soo	Songnam City		KR	
Oh, Sangwook	Cheju City		KR	
Kim, Yunam	Cheju City		KR	

US-CL-CURRENT: 715/501.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. De](#)

6. Document ID: US 6816904 B1

L38: Entry 6 of 6

File: USPT

Nov 9, 2004

US-PAT-NO: 6816904

DOCUMENT-IDENTIFIER: US 6816904 B1

TITLE: Networked video multimedia storage server environment

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DATE-ISSUED: November 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ludwig; Lester	Hillsborough	CA		
Brown; William Blake	Los Gatos	CA		
Yul; Inn J.	Cupertino	CA		
Vuong; Anh T.	San Jose	CA		
Vanderlippe; Richard W.	San Francisco	CA		
Burnett; Gerald	Atherton	CA		
Lauwers; Chris	Menlo Park	CA		
Lui; Richard	Union City	CA		
Applebaum; Daniel	Incline Village	NV		

US-CL-CURRENT: 709/226; 709/204, 725/145[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KANC](#) | [Drawn](#) | [Des](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate GACS](#)

Term	Documents
BANDWIDTH	203087
BANDWIDTHS	24154
(37 AND BANDWIDTH).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6
(L37 AND BANDWIDTH).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6828967 B1

Using default format because multiple data bases are involved.

L44: Entry 1 of 2

File: USPT

Dec 7, 2004

US-PAT-NO: 6828967

DOCUMENT-IDENTIFIER: US 6828967 B1

TITLE: Method of and apparatus for digital data storage

DATE-ISSUED: December 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Tony Richard	Newham			GB
Cole; David John	Landbeach			GB

US-CL-CURRENT: 345/428

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn	Des
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2. Document ID: US 6094453 A

L44: Entry 2 of 2

File: USPT

Jul 25, 2000

US-PAT-NO: 6094453

DOCUMENT-IDENTIFIER: US 6094453 A

TITLE: Digital data compression with quad-tree coding of header file

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gosselin; Todd N.	Regina			CA
Georgiadis; George	Regina			CA

US-CL-CURRENT: 375/240.24; 382/232

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn	Des
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Generate GACS				

Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 5666161 A

Using default format because multiple data bases are involved.

L45: Entry 1 of 3

File: USPT

Sep 9, 1997

US-PAT-NO: 5666161

DOCUMENT-IDENTIFIER: US 5666161 A

TITLE: Method and apparatus for creating less amount of compressed image data from compressed still image data and system for transmitting compressed image data through transmission line

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohiyama; Tomohisa	Yokohama			JP
Nakata; Junji	Yokohama			JP
Tomokane; Takeo	Yokohama			JP
Kawahara; Tetsuya	Fujisawa			JP
Yamagishi; Masami	Zama			JP
Tomita; Taminori	Chigasaki			JP
Yamada; Takahiro	Yokohama			JP
Kamo; Munekazu	Hadano			JP

US-CL-CURRENT: 375/240.18; 358/403, 358/439

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	KOMC	Drawn D.
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2. Document ID: JP 07075092 A, US 5666161 A

L45: Entry 2 of 3

File: DWPI

Mar 17, 1995

DERWENT-ACC-NO: 1995-151141

DERWENT-WEEK: 199743

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TITLE: Reading sequential-format compressed image data compressed by using orthogonal transform and Huffman coding - examining frequency components of read-out compressed image data, deleting some frequency components without altering size of coded data and obtaining compressed image data of quality lower than original quality of compressed image data

INVENTOR: KAMO, M; KAWAHARA, T ; KOHIYAMA, T ; NAKATA, J ; TOMITA, T ; TOMOKANE,